***Roman Król*[1]**

Radiologic evaluation of the degree of height and linear shift reconstruction of the spinal bady and spinal axis in thoracis and lumbar spine treated usind DERO equipment

(Radiologiczna ocena stopnia odtworzenia wysokości i przemieszczenia liniowego trzonu oraz osi kręgosłupa w złamaniach kręgosłupa piersiowego i lędźwiowego leczonych z zastosowaniem instrumentarium DERO)

Authors performs radiologic evaluation of height and linear shift reconstruction of the fractured vertebral bodies and corection of the spinal axis and as well, physiological spinal curvature in 24 patients operated using DERO equipment. Short instrumentation in the vicinity of the fractured vertebral body allows to reconstruct the body height in 60% on the average and to achive total correction of linear displacement. In the lesser degree this can influence the correction of spinal axis and physiological curvature.

Transpedicular screws assembly in the longer section allows the total correction of the spinal axis and physiological curvature and as well, reposition of the linear displacement of the fractured spinal body, the correction of the spinal body height is lower of 45° on the avarage.

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